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Declaration, Power of Attorney, and Petition

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name,

I believe I am an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DISCHARGE LAMP HAVING MULTIPLE INTENSITY REGIONS

the specification of which (*check one*)

- ☐ is attached hereto; or
- ☒ was filed on February 15, 2002 as Application Serial No. 10/077,279 and was amended on _____ (if applicable); or

PCT FILED APPLICATION ENTERING NATIONAL STAGE

- ☐ was described and claimed in International Application No. _____ filed on _____ and as amended on _____ (if applicable).

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above, and that it contains a full, clear, concise and exact description of the subject matter for which a patent is sought.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

Prior Application(s)

☐ (Check if applicable) We hereby claim foreign priority benefits under Title 35, United States Code § 119, by checking the box(es) below, any foreign application(s) for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

| | | | Priority Claimed? | |
|----------|-----------|----------------------|------------------------------|-----------------------------|
| (Number) | (Country) | Day/month/year filed | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| _____ | _____ | _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| (Number) | (Country) | Day/month/year filed | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| _____ | _____ | _____ | <input type="checkbox"/> | <input type="checkbox"/> |

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Prior Provisional Application(s):

(Application Number):

(Filing Date):

(Application Number)

(Filing Date)

(Note: When the nonprovisional application is entitled to an earlier U.S. effective filing date of one or more provisional applications under Title 35, United States Code § 119(e), a statement such as "This application claims the benefit of U.S. Provisional Application No. _____, filed _____, and U.S. Provisional Application No. _____, filed _____," should appear as the first sentence of the description. In view of this requirement, the right to rely on a prior application may be waived or refused by an applicant by refraining from inserting a reference to the prior application in the specification of the later one.)

☐ (Check if applicable) We hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I/we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s)

(Application Serial No.)

(Filing Date)

Status (Patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

Status (Patented, pending, abandoned)

☐ (Check if applicable) We hereby authorize the U.S. attorneys or agents named herein to accept and follow instructions from _____ as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys or agents named herein and ourselves. In the event of a change, we will notify in writing the U.S. attorney or agent named herein.

☐ (Check if applicable) In this continuation-in-part application, insofar as the subject matter of any of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the attorneys whose names are associated with United States Patent and Trademark Office Customer Number 21832:



21832

PATENT & TRADEMARK OFFICE

Bar Code Above

George Chaclas, Reg. No. 46,608
Daniel F. Coughlin, Reg. No. 36,111
Mark D. Giarratana, Reg. No. 32,615
Eric E. Grondahl, Reg. No. 46,741
Barry Kramer, Reg. No. 20,622
Basam E. Nabulsi, Reg. No. 31,645

Richard H. Newman, Reg. No. 41,222
R. Thomas Payne, Reg. No. 30,6744
David Silvia, Reg. No. 49,036
Evelyn Sommer, Reg. No. 19,603
Scott D. Wofsy, Reg. No. 35,413

all of the firm of CUMMINGS & LOCKWOOD, whose address is Granite Square, 700 State Street, P.O. Box 1960, New Haven, CT 06509-1960; and as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all written correspondence to the following address:

CUMMINGS & LOCKWOOD
Attn.: Anita Lomartra
Granite Square
700 State Street
P.O. Box 1960
New Haven, CT 06509-1960

Telephone Calls should be directed to David J. Silvia, by dialing (203) 351-4474.

Wherefore we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the foregoing specification and claims, and we hereby subscribe our names to the foregoing specification and claims, declaration, power of attorney, and this petition.

Full name of first inventor: Joseph D. Laudano

Residence: 37 Compass Lane, West Haven, CT 06516

Citizenship: USA

Post Office Address: 37 Compass Lane, West Haven, CT 06516

First Inventor's signature



Date

5/16/02

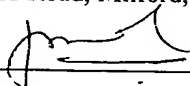
Full name of second inventor: Prasad S. Sastry

Residence: 30 Cornfield Road, Milford, CT 06460

Citizenship: India

Post Office Address: 30 Cornfield Road, Milford, CT 06460

Second Inventor's signature



Date

5/16/02

Full name of third inventor: Albert Louis Winkler

Residence: 505 Weekepeemee Road, Woodbury, CT 06798

Citizenship: USA

Post Office Address: 505 Weekepeemee Road, Woodbury, CT 06798

Third Inventor's signature

Date

Full name of fourth inventor: Michael G. Manning

Residence: 2 Milesfield Avenue, Milford, CT 06460

Citizenship: USA

Post Office Address: 2 Milesfield Avenue, Milford, CT 06460

Fourth Inventor's signature

Date

.StmLib1:933599.1 05/15/02



Paper No. 6

CUMMINGS & LOCKWOOD
FOUR STAMFORD PLAZA
P.O. BOX 120
STAMFORD, CT 06904-0120

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JAN 06 2003

OFFICE OF PETITIONS

In re Application of
Joseph D. Laudano et al.
Application No. 10/077,279
Filed: February 15, 2002
Attorney Docket No. 894165.0030

DECISION ACCORDING STATUS
UNDER 37 CFR 1.47(a)

This is in response to the petition filed under 37 CFR 1.47(a) on August 13, 2002 and supplemented on October 7, 2002.¹

The petition is **GRANTED**.

Petitioner has shown that non-signing inventors Albert Louis Winkler and Michael G. Manning have refused to join in the filing of the above-identified application after having been presented with the application papers. Specifically, the declaration of Basam E. Nabulsi as well as copies of correspondence between the parties establishes that the inventors were personally presented with copies of the application papers but refuse to sign the declaration naming them as joint inventors along with Joseph D. Laudano and Prasad S. Sastry.

The above-identified application and papers have been reviewed and found in compliance with 37 CFR 1.47(a). This application is hereby accorded Rule 1.47(a) status.

As provided in Rule 1.47(c), this Office will forward notice of this application's filing to the non-signing inventor at the address given in the petition. Notice of the filing of this application will also be published in the Official Gazette.

The application is being forwarded to the Office of Initial Patent Examination to be processed in due course.

Telephone inquiries related to this decision should be directed to the undersigned Petitions Attorney at (703) 305-4497.

Patricia Faison-Ball
Senior Petitions Attorney
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

¹Petition filed under 37 CFR 1.147(b) but prior to the petition being treated by the USPTO, the applicant correctly filed the October 7, 2002 petition requesting status under 37 CFR 1.47(a) since two of the four inventors had signed the declaration and 37 CFR 1.47(b) would have been inappropriate.



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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Paper No. 7

ALBERT G. WINKLER
505 WEEKEEPEEMEE ROAD
WOODBURY, CT 06978

MICHAEL G. MANNING
2 MILESFIELD AVENUE
MILFORD, CT 06460

COPY MAILED

JAN 06 2003

OFFICE OF PETITIONS

In re Application of
Joseph D. Laudano et al.
Application No. 10/077,279
Filed: February 15, 2002
For: DISCHARGE LAMP HAVING MULTIPLE INTENSITY REGIONS

Dear Mr. Winkler:

You are named as a joint inventor in the above identified United States patent application, filed under the provisions of 35 U.S.C. 116 (United States Code), and 37 CFR 1.47(a), Rules of Practice in Patent Cases. Should a patent be granted on the application you will be designated therein as a joint inventor.

As a named inventor you are entitled to inspect any paper in the file wrapper of the application, order copies of all or any part thereof (at a prepaid cost per 37 CFR 1.19) or make your position of record in the application. Alternatively, you may arrange to do any of the preceding through a registered patent attorney or agent presenting written authorization from you. If you care to join the application, counsel of record (see below) would presumably assist you. Joining in the application would entail the filing of an appropriate oath or declaration by you pursuant to 37 CFR 1.63.

Telephone inquiries regarding this communication should be directed to the undersigned Petitions Attorney at (703) 305-4497. Requests for information regarding your application should be directed to the File Information Unit at 703/308-2733. Information regarding how to pay for and order a copy of the application, or a specific paper in the application, should be directed to Certification Division at 703/308-9726 or 1-800-972-6382 (outside the Washington D.C. area).

Patricia Faison-Ball
Senior Petitions Attorney
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

cc:
CUMMINGS & LOCKWOOD
FOUR STAMFORD PLAZA
P.O. BOX 120
STAMFORD, CT 06904-0120



Paper No. 7

ALBERT G. WINKLER
505 WEEKEEPEEMEE ROAD
WOODBURY, CT 06978

MICHAEL G. MANNING
2 MILESFIELD AVENUE
MILFORD, CT 06460

COPY MAILED

JAN 06 2003

OFFICE OF PETITIONS

In re Application of
Joseph D. Laudano et al.
Application No. 10/077,279
Filed: February 15, 2002
For: DISCHARGE LAMP HAVING MULTIPLE INTENSITY REGIONS

Dear Mr. Manning:

You are named as a joint inventor in the above identified United States patent application, filed under the provisions of 35 U.S.C. 116 (United States Code), and 37 CFR 1.47(a), Rules of Practice in Patent Cases. Should a patent be granted on the application you will be designated therein as a joint inventor.

As a named inventor you are entitled to inspect any paper in the file wrapper of the application, order copies of all or any part thereof (at a prepaid cost per 37 CFR 1.19) or make your position of record in the application. Alternatively, you may arrange to do any of the preceding through a registered patent attorney or agent presenting written authorization from you. If you care to join the application, counsel of record (see below) would presumably assist you. Joining in the application would entail the filing of an appropriate oath or declaration by you pursuant to 37 CFR 1.63.

Telephone inquiries regarding this communication should be directed to the undersigned Petitions Attorney at (703) 305-4497. Requests for information regarding your application should be directed to the File Information Unit at 703/308-2733. Information regarding how to pay for and order a copy of the application, or a specific paper in the application, should be directed to Certification Division at 703/308-9726 or 1-800-972-6382 (outside the Washington D.C. area).

Patricia Faison-Ball
Senior Petitions Attorney
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

cc:
CUMMINGS & LOCKWOOD
FOUR STAMFORD PLAZA
P.O. BOX 120
STAMFORD, CT 06904-0120



OCTOBER 11, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

CUMMINGS & LOCKWOOD
BASAM E. NABULSI
107 ELM STREET
FOUR STAMFORD PLAZA
STAMFORD, CT 06902



102185833A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/08/2002

REEL/FRAME: 013166/0037
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LAUDANO, JOSEPH D.

DOC DATE: 05/16/2002

ASSIGNOR:

SASTRY, PRASAD S.

DOC DATE: 05/16/2002

ASSIGNEE:

VOLTARC TECHNOLOGIES, INC.
400 CAPTAIN NEVILLE DRIVE
WATERBURY, CONNECTICUT 06705

SERIAL NUMBER: 10077279
PATENT NUMBER:

FILING DATE: 02/15/2002
ISSUE DATE:

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

0-12-2002



OVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commis

102185833

Please record the attached original documents

1. Name of conveying party(ies):

Joseph D. Laudano
Prasad S. Sastry

8-8-02

2. Name and address of receiving party(ies):

Name: Voltarc Technologies, Inc.

Street Address: 400 Captain Neville Drive
Waterbury, CT 06705

Country: USA

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Release of Security Agreement ☐ -Change of Name
☐ Other: _____

Execution Date: May 16, 2002

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or registration number(s):

A. Patent Application No.: 10/077,279

Filing Date: February 15, 2002

If this document is being filed together with a new application, the execution date of this application is:

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Basam E. Nabulsi

Internal Address:

Street Address: Cummings & Lockwood
Four Stamford Plaza
107 Elm Street

City: Stamford State: CT Zip: 06902

08/09/2002 DBYRNE 00000211 10077279

01 FC 581

40.00 DP

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name of Person Signing: Basam E. Nabulsi

Signature: B. E. NabulsiDate: 7/31/02

Total number of pages including cover sheet, attachments, and document: [3]

OFFICE OF PUBLIC RECORDS
AUG - 8 AM 8:08
FINANCE SECTION

6. Total number of applications and/or patents involved: [1]

7. Total fee (37 CFR 3.41): \$40.00

☒ Check enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we the undersigned,

| |
|---|
| Joseph D. Laudano, 37 Compass Lane, West Haven, CT 06516 |
| Prasad S. Sastry, 30 Cornfield Road, Milford, CT 06798 |
| Albert Louis Winkler, 505 Weekeepeemee Road, Woodbury, CT 06798 |
| Michael G. Manning, 2 Milesfield Avenue, Milford, CT 06460 |

(insert full name(s) and post office addresses of inventors)

(hereinafter, "Assignor"), who has created a certain invention for which an application for United States Letters Patent entitled:

DISCHARGE LAMP HAVING MULTIPLE INTENSITY REGIONS

(insert title of invention)

(check one)

- ☐ for which the application is attached hereto; or
- ☒ for which the application for U.S. Letters Patent has been filed on February 15, 2002, as Application Serial No. 10/077,279.

Do hereby sell, assign and transfer to:

Voltarc Technologies, Inc., 400 Captain Neville Drive, Waterbury, CT 06705

(insert full name(s) and post office addresses of assignee)

(hereinafter, "Assignee"), its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

I/we authorize Assignee to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, but without charge to Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our signature(s) below.

Signature of inventor:

Date: 5-16-02



Joseph D. Laudano

Signature of inventor:

Date: 5/16/02



Prasad S. Sastry

Signature of inventor:

Date: _____

Albert Louis Winkler

Signature of inventor:

Date: _____

Michael G. Manning